

Amendments to the Claims:

Please cancel claims 1-17, without prejudice.

Please add new claims 18-33, as specified in the following listing of claims.

The listing of claims given below will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Canceled)
8. (Canceled)
9. (Canceled)
10. (Canceled)
11. (Canceled)
12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Canceled)

17. (Canceled)

18. (New) An illumination device, comprising:

a first (G1) and a second (G2) group of light sources;

a circuit arrangement, comprising:

a first (CON, PWM1) and a second (CON, PWM2) power supply, wherein:

the first power supply (CON, PWM1) supplies power to the first group of light source; and

the second power supply (CON, PWM2) supplies power to the second group of light sources;

a first (E1) and a second (E2) setting apparatus, wherein:

the first setting apparatus (E1) is operable to set a power output of the first (CON, PWM1) and, at the same time, a power output of the second (CON, PWM2) power supply, the first setting apparatus including a first and a second potentiometer, the first and second potentiometer being coupled to each other, wherein the first potentiometer is used to set the power output of the first power supply (CON, PWM1), and the second potentiometer is used to set the power output of the second power supply (CON, PWM2); and

the second setting apparatus (E2) is operable to set the power output of only the second power supply (CON, PWM2), the second setting including a potentiometer which is connected in parallel with the second potentiometer of the first setting apparatus (E1); and

connection apparatus (S) for coupling the circuit arrangement to the first (G1) and second (G2) group of light sources.

19. (New) The illumination device of claim 18, wherein the light sources are light-emitting diodes.
20. (New) The illumination device of claim 18, wherein the power output of the first (CON, PWM1) and second (CON, PWM2) power supplies is set by means of pulse width modulation.
21. (New) The illumination device of claim 20, wherein the light sources are light-emitting diodes.
22. (New) The illumination device of claim 18, wherein the connection apparatus (S) has a common reference potential for the first (G1) and second (E2) groups of light sources.
23. (New) The illumination device of claim 22, wherein the light sources are light-emitting diodes.
24. (New) The illumination device of claim 18, wherein the first group (G1) of light sources radiates a first color and the second group (G2) of light sources radiates a second color, the first and the second colors being different.
25. (New) The illumination device of claim 24, wherein the light sources are light-emitting diodes.
26. (New) The illumination device of claim 24, wherein the colors of the groups (G1, G2) of light sources are selected such that the second setting apparatus (E2) is operable to set the illumination device such that it emits white light.
27. (New) The illumination device of claim 26, wherein the light sources are light-emitting diodes.
28. (New) The illumination device of claim 24, wherein at least one the first (G1) and second (G2) groups of light sources includes differently colored subgroups (UG1, UG2) of light sources, wherein the differently colored subgroups are connected either in parallel or in series.
29. (New) The illumination device of claim 28, wherein the light sources are light-emitting diodes.
30. (New) The illumination device of claim 28, wherein:
the first group (G1) of light sources includes a first subgroup (UG1) having the color red and a second subgroup (UG2) having the color green; and
the second group (G2) of light sources radiates the color blue.
31. (New) The illumination device of claim 30, wherein the light sources are light-emitting diodes.

32. (New) The illumination device of claim 30, wherein:
 - the first subgroup (UG1) having the color red radiates light of a wavelength in the region of 617 nm;
 - the second subgroup (UG2) having the color green radiates light of a wavelength in the region of 525 nm; and
 - the second group (G2) of light sources radiates light of a wavelength in the region of 470 nm.
33. (New) The illumination device of claim 32, wherein the light sources are light-emitting diodes.